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February 7, 2006

Mr. Dale Radford  
Sonoma County Environmental Health Department  
475 Aviation Boulevard, Suite 220  
Santa Rosa, California 95403

Subject: **Fourth Quarter 2005 Groundwater Monitoring Report**  
Pellini Chevrolet  
6877 Sebastopol Avenue, Sebastopol, California  
Apex Project No. PEL01.002

Dear Mr. Radford:

Apex Envirotech, Inc. (Apex), has been authorized by Pellini Chevrolet (Pellini) to provide this report documenting the results of the fourth groundwater monitoring event conducted on December 21, 2005. Groundwater monitoring results are provided in the attached figures and tables. Apex standard operating procedures, field data, and analytical results are provided as appendices.

This report is based in part, on information obtained by Apex from Pellini, and is subject to modification as newly acquired information may warrant.

## **BACKGROUND**

April 20, 1987 - Kleinfelder, Inc. (Kleinfelder) removed three underground storage tanks (UST) from the subject property. Subsequent to the UST removal, Kleinfelder installed six monitoring wells at the subject property.

May 17, 1988 - Herzog reported the results of three monitoring well installations and associated activities in a report, *Supplemental Site Contamination Assessment*.

March 20, 1990 - Details of a pump test performed by Chemical Processors, Inc. of Berkley, California can be found in the document *Groundwater Investigation*. Chemical Processors, Inc. modified extraction well EW-1 and performed a pump test on the improved EW-1. Results of the pump test indicated a sustainable flow rate of 25-gallons per minute and a hydraulic gradient of 0.0014 to 0.0020 feet per foot. In the soil type indicated, this leads to an estimated groundwater flow of 1055 feet per year.

July 1992 - Trans Tech Consultants (TTC) of Santa Rosa, California was retained by Pellini to conduct extraction, treatment, and injection of hydrocarbon contaminated groundwater. From July 1992 through August 1994, only groundwater extraction well EW-1 was utilized due to air permit restrictions. Groundwater was extracted from EW-1 at a flow rate of approximately four gpm for eight hours per day. From August of 1994 through the fourth quarter of 1997, both extraction wells (EW-1 and EW-2) were used to extract groundwater at a combined rate of eight gpm. Extracted groundwater was passed through an air stripper, subjected to granular activated carbon filtration, and re-injected back into the groundwater through injection wells IW-1 and IW-2. The total cumulative flow of treated groundwater was not reported by TTC. Groundwater extraction was ceased in the fourth quarter of 1997 due to declining concentrations of hydrocarbons.

February 1993 - Groundwater remediation was supplemented by soil vapor extraction from monitoring wells MW-1 through MW-5 and MW-9. TTC estimated that by mid August of 1994, approximately 385 gallons of hydrocarbon product had been removed from the soil beneath the subject property using resin bed adsorption technology.

December 1994 - TTC installed a catalytic oxidizing unit to destroy hydrocarbon contamination contained in the soil vapors extracted from beneath the subject property. The catalytic oxidizer operated from April of 1995 through the fourth quarter of 1997. Vapor extraction was ceased due to low influent concentrations.

April 4, 1997, October 31, 1997, and May 2, 1998. - Groundwater samples were collected from monitoring wells MW-3, MW-4, and MW-10. Results of the groundwater analysis are presented in the TTC report, *Project Update, April 1997 through September 1998*, dated October 9, 1998. No active remediation or groundwater sampling was conducted between October 9, 1998 and July 29, 1999.

January 30 and 31, 2001 - Apex personnel conducted a soil vapor extraction (SVE) pilot test at the site. Soil vapor concentrations and flow rates were found to be conducive to soil vapor extraction as a remedial alternative. In a report, *Soil Vapor Extraction Pilot Test & Updated Final Remediation Plan Results Report*, dated April 9, 2001, Apex proposed SVE, coupled with air sparging as the most feasible and cost-effective means of remediation for this site.

May 10, 2002 - The Sacramento County Environmental Health Department (SCEHD) requested a workplan for the installation of a SVE/Air Sparging (AS) remediation system at the site. On June 12, 2002, Apex submitted a workplan describing the installation of a SVE/AS system at the site. The SCEHD approved the workplan in a letter dated August 1, 2002.

November 14, 2002 - Apex personnel supervised the installation of three air sparge wells (AS-1 through AS-3).

May 2003 - Apex completed the installation of the SVE/AS system at the site. On June 3, 2003, Apex started operation of the SVE and sparge system.

May 6, 2004 - Apex submitted to the SCEHD a report, *Annual 2004 Groundwater Monitoring, Remediation Status Report*, recommending that the SVE/AS system be shut down and a "No Further Action" letter be issued for the site.

May 17, 2004 - The SCEHD sent a review letter stating that they could not concur with the recommendations of "No Further Action" at this time, and requesting a revised workplan to address the clean up of the residual groundwater contamination at the site.

May 20, 2004 - Apex and the SCEHD, via telephone, concurred that the current SVE/AS system should be shut down immediately, as the influent concentrations no longer warranted its operation. Also, Apex and the SCEHD concurred that additional work would be required in the vicinity of well MW-3. Apex then contacted Pellini Chevrolet and requested that they shut down the SVE/AS system.

July 28, 2004 - Apex submitted a workplan, *Workplan for Monitoring Well Reconstruction, Additional Monitoring Well Destructures and Remediation System Decommissioning*.

August 3, 2004 - The SCEHD approved the workplan for the reconstruction of one 2-inch diameter groundwater monitoring well (MW-3) into a 4-inch diameter well (MW-3A), the destruction of eight groundwater monitoring wells (MW-4, MW-6 through MW-9, MW-11 through MW-13), two injection wells (IW-1 and IW-2), and one extraction well (EW-2) and the decommission of the SVE/AS system.

June through August 2005 - Apex personnel supervised the approved destruction and reconstruction activities, which have been documented in the results report, titled *Results Report for Monitoring Well Reconstruction and Monitoring Well Destructures*, dated October 3, 2005.

## GENERAL SITE INFORMATION

**Site name:** Pellini Chevrolet  
**Site address:** 6877 Sebastopol Avenue, Sebastopol, California  
**Current property owner:** Harold Pellini  
**Current site use:** Auto repair/auto sales  
**Current phase of project:** Groundwater monitoring  
**Tanks at site:** None  
**Number of wells:** 5 onsite monitoring wells, 1 extraction well; 3 AS wells

## GROUNDWATER MONITORING SUMMARY

**Gauging and sampling date:** December 21, 2005  
**Wells gauged and sampled:** MW-3A  
**Wells gauged only:** None  
**Groundwater flow direction:** N/A  
**Groundwater gradient:** N/A  
**Floating liquid hydrocarbons:** None  
**Laboratory:** Kiff Analytical LLC, Davis, California

### Analysis Performed:

Analysis	Abbreviation	Designation	USEPA Method No.
Total Petroleum Hydrocarbons as Gasoline	TPHg	Aromatic Hydrocarbons	8260B
Benzene	BTEX	Aromatic Volatile Organics	
Toluene			
Ethylbenzene			
Xylenes (Total)			
Tertiary Butyl Alcohol	TBA	Five Fuel Oxygenates	
Methyl Tertiary Butyl Ether	MTBE		
Di-isopropyl Ether	DIPE		
Ethyl Tertiary Butyl Ether	ETBE		
Tertiary Amyl Methyl Ether	TAME		

### Modifications from Standard Monitoring Program:

Wells MW-1, MW-2, MW-5 and EW-1 were dry, and therefore groundwater samples were not collected.

## **REMEDIATION SYSTEM SUMMARY:**

### **Soil Vapor Extraction System**

The SVE system was shut down on May 20, 2004.

## **CONCLUSIONS**

Based on analytical results, MTBE was detected at MW-3A at low concentrations. All other constituents sampled were below laboratory detection limits.

## **RECOMMENDATIONS**

Apex recommends continued monitoring to confirm detected MTBE concentrations in well MW-3A. Apex recommends that post-remedial monitoring continue on a quarterly basis for one year from system shutdown to check for potential rebound of contaminants in the remaining wells. Upon completion of post-remedial monitoring, if the concentrations of petroleum hydrocarbons in the remaining wells do not increase, Apex will then request that "No Further Action" status be granted for the site. The next sampling event is scheduled for March 2006.

## **ADDITIONAL ACTIVITIES PERFORMED AT SITE**

None

## **APPENDICES:**

Figure 1: Site Vicinity Map

Figure 2: Site Plan Map

Table 1: Well Construction Details

Table 2: Groundwater Elevation Data

Table 3: Groundwater Analytical Data

Appendix A: Apex Standard Operating Procedures

Appendix B: Field Data Sheets

Appendix C: Laboratory analytical Reports and Chain-of-Custody Forms

## REPORT DISTRIBUTION

A copy of this report was submitted to:

Regulatory Oversight: Mr. Dale Radford  
Sonoma County Environmental Health Department  
475 Aviation Boulevard, Suite 220  
Santa Rosa, California 95403  
(707) 565-6565

Ms. Jan Goebel  
North Coast Regional Water Quality Control Board  
5550 Skylane Boulevard, Suite A  
Santa Rosa, California 95403  
(877) 721-9203

Responsible Party: Mr. Pete Pellini

## REMARKS AND SIGNATURES

The interpretations and/or conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and were developed in accordance with currently accepted geologic, hydrogeologic, and engineering practices at this time and for this specific site.

The work described herein was performed under the direct supervision of the professional geologist, registered with the State of California, whose signature appears below.

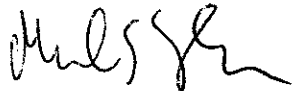
We appreciate the opportunity to provide Pellini Chevrolet with geologic, engineering and environmental consulting services and trust this report meets your needs. If you have any questions or concerns, please call us at (916) 851-0174.

Sincerely,

**APEX ENVIROTECH, INC.**



Kelli Felker  
Project Manager

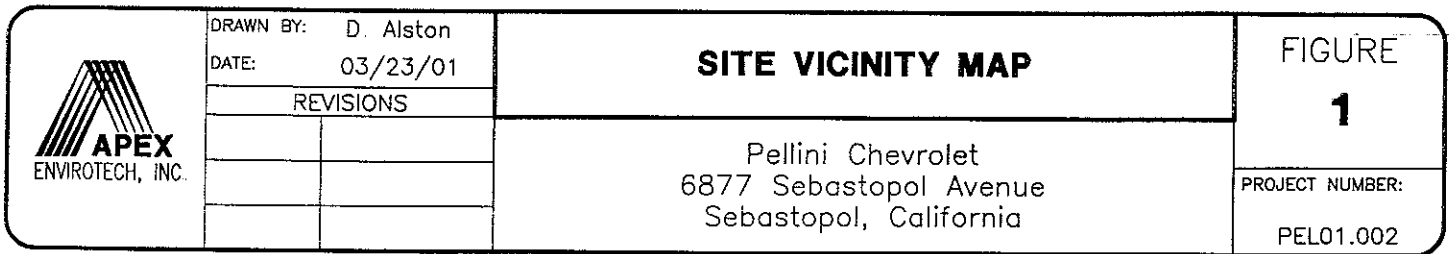


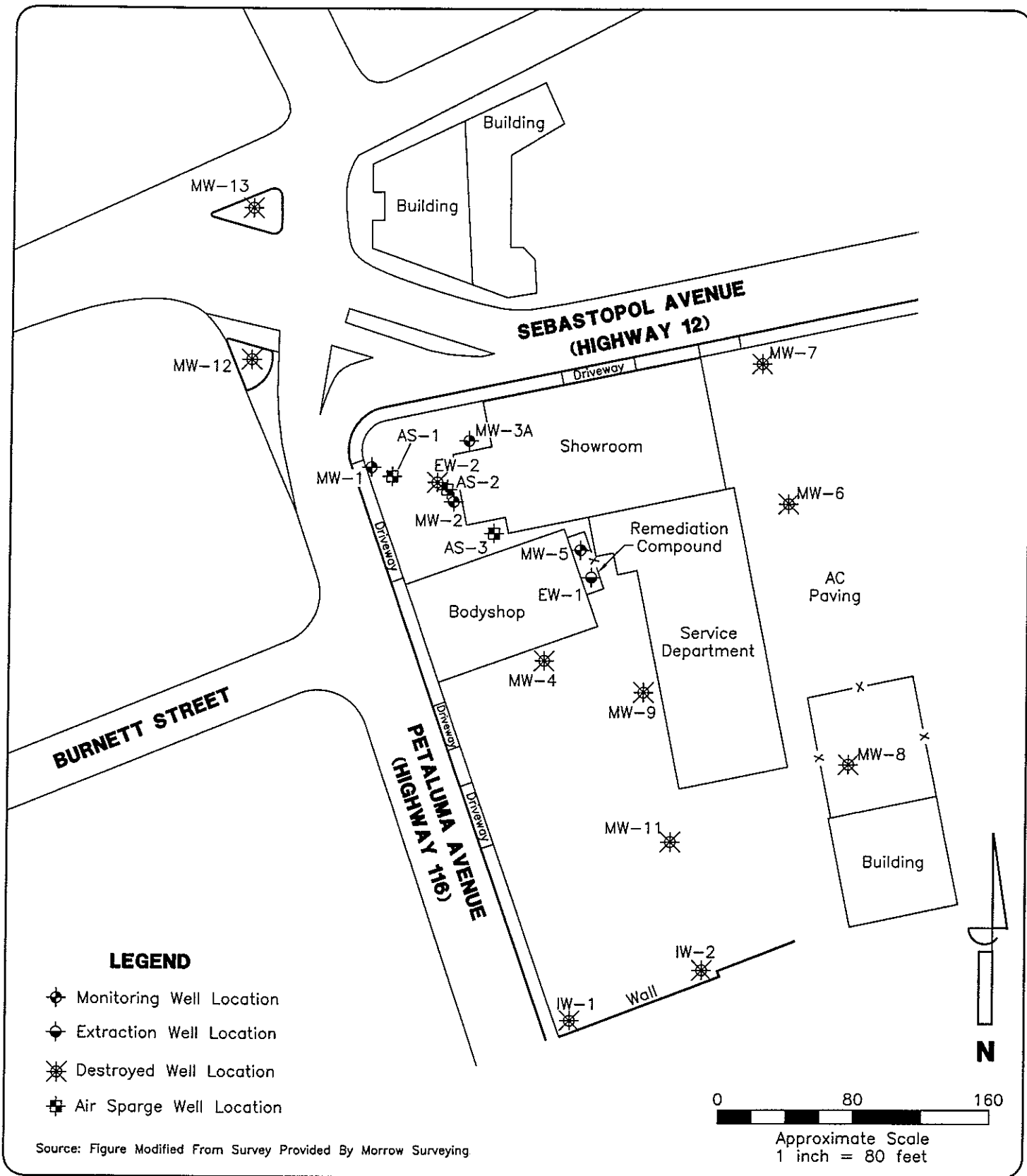
Michael S. Sgourakis, P.G.  
Senior Geologist  
C.P.G. 7194




## FIGURES







	DRAWN BY: J. Curry	<b>SITE PLAN MAP</b>	<b>FIGURE 2</b>
	DATE: 9/09/05		
	REVISIONS	Pellini Chevrolet 6877 Sebastopol Avenue Sebastopol, California	PROJECT NUMBER: PEL01.002

## TABLES

**TABLE 1**  
**WELL CONSTRUCTION DETAILS**

Pellini Chevrolet  
6877 Sebastopol Avenue  
Sebastopol, California

Well Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Filter Pack Interval (feet)
MW-1	1987	78.74	PVC	32.4	32.4	2	---	---
MW-2	1987	79.23	PVC	34.5	34.5	2	---	---
MW-3	1987	78.76	PVC	28.2	28.2	2	---	---
MW-3A	8/3/05		PVC	50	50	4	35 - 50	34 - 50
MW-4	1987	78.50	PVC	27.9	27.9	2	---	---
MW-5	1987	78.78	PVC	29.5	29.5	2	---	---
MW-6	1987	77.25	PVC	32	32	2	---	---
MW-7	1988	76.11	PVC	33.53	33.53	2	---	---
MW-8	1988	77.98	PVC	32	32	2	---	---
MW-9	1988	78.34	PVC	45.2	45.2	4	---	---
MW-10	by 1997?	76.62	PVC	40.6	40.6	2	---	---
MW-11	---	78.34	PVC	37	37	2	---	---
MW-12	---	79.56	PVC	33.69	33.69	2	---	---
MW-13	---	79.16	PVC	40	40	2	---	---
EW-1	?	79.20	PVC	---	---	6	---	---
EW-2	?	78.27	PVC	36	36	6	---	---
IW-1	by 1992	76.33	PVC	37	37	4	---	---
IW-2	by 1992	76.47	PVC	30.5	30.5	4	---	---
AS-1	11/14/02	N/A	PVC	43	43	1	---	---
AS-2	11/14/02	N/A	PVC	43	43	1	---	---
AS-3	11/14/02	N/A	PVC	43	43	1	---	---

**Notes:**

- - No data found
- TOC - Top of Casing
- PVC - Polyvinyl Chloride
- EW - Extraction Well
- IW - Injection Well
- Kleinfelder, Inc. installed MW-1 through MW-6
- Herzog installed MW-7 through MW-9
- Chemical Processors, Inc. modified EW-1 in 1990
- MW-3 was reconstructed into MW-3A
- Grayed wells were destroyed June 13-16 and August 3 2005 by Apex Envirotech Inc

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
Pellini Chevrolet  
6877 sebastopol Avenue, Sebastopol, California  
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)*	Depth to Groundwater	Groundwater Elevation
MW-1	7/29/99	77.83	21.69	56.14
	5/31/00		21.92	55.91
	5/29/01	78.74	24.90	52.93
	6/26/02		27.96	50.78
	6/27/03		28.73	50.01
	12/16/03		31.81	46.93
	3/25/04		28.34	50.40
	8/10/05		dry	dry
	12/21/05		dry	dry
MW-2	7/29/99	78.31	22.20	56.11
	5/31/00		22.44	55.87
	5/29/01	79.23	25.80	52.51
	6/26/02		28.56	50.67
	6/27/03		29.33	49.90
	12/16/03		32.60	46.63
	3/25/04		31.04	48.19
	8/10/05		dry	dry
	12/21/05		dry	dry
MW-3	7/29/99	77.89	16.68	61.21
	5/31/00		22.03	55.86
	5/29/01	78.76	25.10	52.79
	6/26/02		---	---
	6/27/03		27.20	50.69
	12/16/03		dry	dry
	3/25/04		26.25	52.51
	8/10/05		33.28	45.48
MW-3A	12/21/05		35.26	---
MW-4	7/29/99	77.60	21.67	55.93
	5/31/00		21.89	55.71
	5/29/01	78.50	26.50	51.10
	6/26/02		blocked	blocked
	6/27/03		dry	dry
	12/16/03		dry	dry
	3/25/04		dry	dry
	8/10/05		destroyed	
MW-5	7/29/99	77.83	21.88	55.95
	5/31/00		22.05	55.78
	5/29/01	78.78	24.16	53.67
	6/26/02		28.23	50.55
	6/27/03		29.03	49.75
	12/16/03		blocked	blocked
	3/25/04		30.20	48.58
	8/10/05		dry	dry
	12/21/05		dry	dry

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
Pellini Chevrolet  
6877 Sebastopol Avenue, Sebastopol, California  
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)*	Depth to Groundwater	Groundwater Elevation
MW-6	7/29/99	76.70	20.97	55.73
	5/31/00		20.66	56.04
	5/29/01		24.55	52.15
	6/26/02	77.25	27.18	50.07
	6/27/03		28.00	49.25
	12/16/03		blocked	blocked
	3/25/04		29.44	47.81
	8/10/05		destroyed	
MW-7	7/29/99	75.75	19.85	55.90
	5/31/00		19.49	56.26
	5/29/01		22.20	53.55
	6/26/02	76.11	25.87	50.24
	6/27/03		26.69	49.42
	12/16/03		blocked	blocked
	3/25/04		28.16	47.95
	8/10/05		destroyed	
MW-8	7/29/99	77.46	21.72	55.74
	5/31/00		21.59	55.87
	5/29/01		24.50	52.96
	6/26/02	77.98	28.15	49.83
	6/27/03		29.03	48.95
	12/16/03		dry	dry
	3/25/04		30.48	47.50
	8/10/05		destroyed	
MW-9	7/29/99	77.45	21.64	55.81
	5/31/00		21.84	55.61
	5/29/01		25.18	52.27
	6/26/02	78.34	28.13	50.21
	6/27/03		25.98	52.36
	12/16/03		32.57	45.77
	3/25/04		30.67	47.67
	8/10/05		destroyed	
MW-10	7/29/99	76.62	20.78	55.84
	5/31/00		NM	NA
	5/29/01		destroyed	destroyed
MW-11	7/29/99	77.43	21.67	55.76
	5/31/00		21.93	55.50
	5/29/01		25.87	51.56
	6/26/02	78.34	28.25	50.09
	6/27/03		29.12	49.22
	12/16/03		32.90	45.44
	3/25/04		30.86	47.48
	8/10/05		destroyed	

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
Pellini Chevrolet  
6877 Sebastopol Avenue, Sebastopol, California  
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)*	Depth to Groundwater	Groundwater Elevation
MW-12	7/29/99	78.65	22.26	56.39
	5/31/00		22.50	56.15
	5/29/01		25.06	53.59
	6/26/02	79.56	28.17	51.39
	6/27/03		28.89	50.67
	12/16/03		32.11	47.45
	3/25/04		30.78	48.78
	8/10/05		destroyed	
MW-13	7/29/99	78.21	22.25	55.96
	5/31/00		22.04	56.17
	5/29/01		24.60	53.61
	6/26/02	79.16	27.78	51.38
	6/27/03		28.45	50.71
	12/16/03		31.43	47.73
	3/25/04		30.12	49.04
	8/10/05		destroyed	
EW-1	8/10/05	79.20	dry	dry
	12/21/05		dry	dry

NOTES:

NA -Not Applicable

\* -Elevations from mean sea level by Morrow Surveying 10/01

**TABLE 3**  
**GROUNDWATER ANALYTICAL DATA**  
Pellini Chevrolet  
6877 Sebastopol Avenue, Sebastopol, California

Sample ID	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				Fuel Oxygenates 8260B				
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-1	7/29/99	140	0.7	5.3	0.9	11	<5.0	<5.0	2.1	<5.0	<10
	5/31/00a	23,000	1,500	3,700	390	5,100	<50	<50	<50	<50	<200
	5/31/00c	19,000	1,600	4,400	300	5,000	<5.0	<5.0	<5.0	<5.0	<50
	5/30/01	130	5.5	8.0	<0.50	31	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	800	130	92	17	150	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05	dry									
	12/21/05	dry									
MW-2	7/29/99	850	24	13	9.4	10	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	230	0.99	0.67	1.9	2.1	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	230	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/30/01	250	<0.50	5.6	1.7	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	1,100	1.0	<0.50	2.5	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	64	<0.50	0.77	2.9	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05	dry									
	12/21/05	dry									
MW-3	7/29/99	40,000	2,400	4,600	1,400	12,000	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	98,000	9,000	16,000	2,300	18,000	<250	<250	<250	<250	<1,000
	5/31/00c	70,000	7,000	13,000	1,800	10,000	<5.0	<5.0	<5.0	<5.0	<50
	5/30/01	72	3.2	5.0	<0.50	20	<5.0	<5.0	<5.0	<5.0	<50
	6/26/2002*	4,700	<5.0	<5.0	<5.0	1,600	12	<5.0	<5.0	<5.0	680
	6/27/2003*	68,000	7,300	12,000	1,100	14,000	<12	<12	<12	<12	<250
	12/16/2003*	dry									
	3/25/2004*	68,000	9,500	18,000	960	8,400	21	<0.50	<0.50	<0.50	<5.0
MW-3A	8/10/05	<50	0.71	<0.50	<0.50	<1.0	<0.50	<0.50	2.1	<0.50	<5.0
	12/21/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	<0.50	<5.0
MW-4	7/29/99	1,150,000	8,700	6,600	28,000	19,000	<5.0	<5.0	2.3	<5.0	<10
	5/31/00a	420	2.1	8.8	5.8	3.5	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	150	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	820	<0.50	20	1.7	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	well blocked									
	6/27/03	dry									
	12/16/03	dry									
	3/25/04	dry									
MW-5	8/10/05		destroyed								
	7/29/99	85	<0.5	0.6	1.3	3.6	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	6,100	78	<5.0	170	130	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	5,600	64	<50	160	120	<50	<50	<50	<50	<500
	5/30/01	370	<0.50	5.6	2.1	2.3	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	2,000	<0.50	3.6	0.63	5.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	80	1.2	4.3	<0.50	4.6	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	well blocked									
	3/25/04	insufficient water									
	8/10/05	dry									
	12/21/05	dry									



**TABLE 3**  
**GROUNDWATER ANALYTICAL DATA**  
Pellini Chevrolet  
6877 Sebastopol Avenue, Sebastopol, California

Sample ID	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				Fuel Oxygenates 8260B				
			Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-6	7/29/99	220	97.0	3.9	0.6	1.4	<5.0	<5.0	2.4	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	88	<0.50	1.4	2.2	1.7	<0.50	<0.50	3.9	<0.50	<10
	12/16/03	well blocked									
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-7	7/29/99	<50	1.5	<0.5	<0.5	<0.5	<5.0	<5.0	2.1	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	11	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	6.2	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	15	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	well blocked									
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-8	7/29/99	99	14	2.0	<0.5	<0.5	<5.0	<5.0	4.0	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	3.5	<0.50	<10
	12/16/03	dry									
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	0.97	<0.50	<5.0
MW-9	7/29/99	2,300	15	25	9.8	8.0	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	190	1.1	9.1	<0.50	62	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	180	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	760	<0.50	16	1.5	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	81	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	3/25/04	<50	<0.50	2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-10	7/29/99	340	<0.5	17	0.9	2.2	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/31/00c	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/29/01		destroyed								
MW-11	7/29/99	120	2.8	0.9	<0.5	0.5	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	<50	0.73	2.1	<0.50	1.9	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	300	<0.50	3.7	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	74	<0.50	0.92	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								

**TABLE 3**  
**GROUNDWATER ANALYTICAL DATA**  
Pellini Chevrolet  
6877 Sebastopol Avenue, Sebastopol, California

Sample ID	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				Fuel Oxygenates 8260B				
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-12	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	2.8	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	0.58	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								
MW-13	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	9.6	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	1.1	<0.50	<5.0
	8/10/05		destroyed								
EW-1	7/29/99	740	15	11	10	11	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	420	1.7	14	1.8	3.0	<5.0	<5.0	<5.0	<5.0	78
	5/31/00c	510	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	80	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	390	<0.50	4.7	5.3	1.9	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	1.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05	dry									
	12/21/05	dry									
EW-2	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	2.1	<5.0	<10
	5/31/00a	200	3.4	2.5	11	6.6	<5.0	<5.0	<5.0	<5.0	93
	5/31/00c	51	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	---	---	---	---	---	---	---	---	---	---
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								
IW-1	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	59	<0.50	1.3	<0.50	2.4	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	---	---	---	---	---	---	---	---	---	---
	12/16/03	well blocked									
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
IW-2	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	13	<5.0	18	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	---	---	---	---	---	---	---	---	---	---
	12/16/03	well blocked									
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								

NOTES:

a	Acculabs data	DIPE	Di-isopropyl ether
c	CLS data	ETBE	Ethyl Tertiary Butyl Ether
<	Less than indicated laboratory detection limit	TAME	Tertiary Amyl Methyl Ether
---	Not analyzed	MTBE	Methyl tert Butyl Ether
[1]	Not sampled due to change from carbon drums to carbon vessels	TBA	Tertiary Butyl Alcohol
*	Insufficient water to properly purge well, grab sample only		

APEX ENVIROTECH INC.  
FOURTH QUARTER 2005  
PEL01.002

## **APPENDIX A**

### **APEX STANDARD OPERATING PROCEDURES**

**APEX ENVIROTECH, INC.**  
**STANDARD OPERATING PROCEDURES**  
Quarterly Monitoring Reports

**SOP – 4**  
**SAMPLE IDENTIFICATION AND CHAIN-OF**  
**CUSTODY PROCUDURES**

Sample identification and chain-of-custody procedures ensure sample integrity as well as document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, other pertinent field observations also recorded on the field excavation or boring logs.

Chain-of-custody forms are used to record possession of the sample from time of collection to arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis.

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded.

**SOP – 5**  
**LABORATORY ANALYTICAL QUALITY**  
**ASSURANCE AND CONTROL**

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the laboratory Quality Assurance/Quality Control program include:

1. Participation in state and federal laboratory accreditation/certification programs;
2. Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;
3. Standard operating procedures describing routine and periodic instrument maintenance;
4. "out-of-Control"/Corrective Action documentation procedures; and,
5. Multi-level review of raw data and client reports

**SOP – 7**  
**GROUNDWATER PURGING AND SAMPLING**

Prior to water sampling, each well is purged by evacuating a minimum of three wetted well-casing volumes of groundwater. When required, purging will continue until either the discharge water temperature, conductivity, or pH stabilize a maximum of ten wetted-casing volumes of groundwater have been recovered, or the well is bailed dry.

When practical, the groundwater sample should be collected when the water level in the well recovers to at least 80 percent of its static level.

The sampling equipment consists of either a "Teflon" bailer, PVC bailer, or stainless steel bladder pump with a "Teflon" bladder. If the sampling system is dedicated to the well, then the bailer is usually "Teflon," but the bladder pump is PVC with a polypropylene bladder. In general and depending on the intended laboratory analysis, 40-milliliter glass, volatile organic analysis (VOA) vials, with "Teflon" septa, are used as sample containers.

**SOP – 12**  
**MEASURING LIQUID LEVELS USING**  
**WATER LEVEL METER OR INTERFACE**  
**PROBE**

Field equipment used for liquid-level gauging typically includes the measuring instrument (water-level meter or interface probe and product bailer(s)). The field kit also includes cleaning supplies (buckets, solution, spray bottles, and deionized water) to be used in cleaning the equipment between wells.

Prior to measurements, the instrument tip is lowered into the well until it touches bottom. Using the previously established top-of-casing or top-of-box (i.e. wellhead vault) point, the probe cord (or halyard) is marked and a measuring tape (graduated in hundredths of a foot) is used to determine the distance between the probe end and the marking on the cord. This measurement is then recorded on the liquid-level data sheet as the "Measured Total Depth" of the well.

When necessary in using the interface probe to measure liquid levels, the probe is first electrically grounded to either the metal stove pipe or another metal object nearby. When no ground is available, reproducible measurements can be obtained by clipping the ground lead to the handle of the interface probe case.

The probe tip is then lowered into the well and submerged in the groundwater. An oscillating (beeping) tone indicates the probe is in water. The probe is slowly raised until either the oscillating tone ceases or becomes a steady tone. In either case, this is the depth-to-water (DTW) indication of the DTW measurement is made accordingly. The steady tone indicates floating liquid hydrocarbons (FLH). In this case, the depth-to-product (DTP) indication and the DTP measurement is made accordingly.

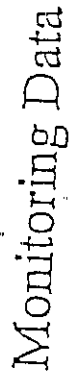
The process of lowering and raising the probe must be repeated several times to ensure accurate measurements. The DTW and DTP measurements are recorded on the liquid-level data sheet. When FLH are indicated by the probe's response, a product bailer is lowered partially through the FLH water interface to confirm the FLH thickness, particularly in cases where the FLH layer is quite thin. This measurement is recorded on the data sheet as "FLH thickness."

In order to avoid cross-contamination of wells during the liquid-level measurement process, wells are measured in the order of "clean" to "dirty" (where such information is available). In addition, all measurement equipment is cleaned with solution and thoroughly rinsed with deionized water before use, between measurements in respective wells, and at the completion of the day's use.

**APPENDIX B**

**FIELD DATA SHEETS**





Recorded By:

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4/1/97

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## **APPENDIX C**

### **LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM**







Report Number : 47602

Date : 12/27/2005

Richard Johnson  
Apex Envirotech Inc.  
11244 Pyrites Way  
Gold River, CA 95670-4481

Subject : 1 Water Sample  
Project Name : Pellini Chevrolet  
Project Number : PEL01 002

Dear Mr. Johnson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 47602

Date : 12/27/2005

Project Name : **Pellini Chevrolet**

Project Number : **PEL01.002**

Sample : **MW-3A**

Matrix : Water

Lab Number : 47602-01

Sample Date :12/21/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
<b>Benzene</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Toluene</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Ethylbenzene</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Total Xylenes</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Methyl-t-butyl ether (MTBE)</b>	<b>2.4</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Diisopropyl ether (DIPE)</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Ethyl-t-butyl ether (ETBE)</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Tert-amyl methyl ether (TAME)</b>	<b>&lt; 0.50</b>	0.50	ug/L	EPA 8260B	12/23/2005
<b>Tert-Butanol</b>	<b>&lt; 5.0</b>	5.0	ug/L	EPA 8260B	12/23/2005
<b>TPH as Gasoline</b>	<b>&lt; 50</b>	50	ug/L	EPA 8260B	12/23/2005
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	12/23/2005
4-Bromofluorobenzene (Surr)	81.1		% Recovery	EPA 8260B	12/23/2005

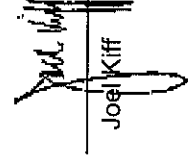
Approved By:

Joel Kiff

**QC Report : Method Blank Data**  
**Project Name : Pellini Chevrolet**  
**Project Number : PEL01.002**

Report Number : 47602  
 Date : 12/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed	Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2005						
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/22/2005						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/22/2005						
Toluene - d8 (Sum)	97.5		%	EPA 8260B	12/22/2005						
4-Bromofluorobenzene (Surr)	81.7		%	EPA 8260B	12/22/2005						

  
 Approved By: Joe Kiff

KIFF ANALYTICAL, LLC  
 2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

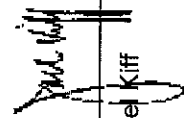
Report Number : 47602  
Date : 12/27/2005

**QC Report : Matrix Spike/ Matrix Spike Duplicate**

Project Name : **Pellini Chevrolet**

Project Number : **PEL01.002**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	47560-02	<0.50	40.0	40.0	41.4	40.0	ug/L	EPA 8260B	12/22/05	103	100	3.31	70-130	25
Toluene	47560-02	<0.50	40.0	40.0	38.4	37.3	ug/L	EPA 8260B	12/22/05	96.1	93.2	3.06	70-130	25
Tert-Butanol	47560-02	<5.0	200	200	191	192	ug/L	EPA 8260B	12/22/05	95.5	95.9	0.364	70-130	25
Methyl-t-Butyl Ether	47560-02	<0.50	40.0	40.0	35.6	35.6	ug/L	EPA 8260B	12/22/05	89.0	89.0	0.0779	70-130	25



Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 47602  
Date : 12/27/2005

QC Report : Laboratory Control Sample (LCS)

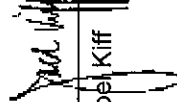
Project Name : Pellini Chevrolet  
Project Number : PEL01.002

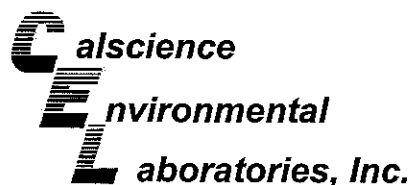
Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/22/05	99.7	70-130
Toluene	40.0	ug/L	EPA 8260B	12/22/05	97.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/22/05	96.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/22/05	97.0	70-130

KIFF ANALYTICAL, LLC

Approved By:

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

  
Joel Kiff



December 29, 2005

Joel Kiff  
Kiff Analytical  
2795 2nd Street, Suite 300  
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 05-12-1258**  
Client Reference: **Pellini Chevrolet**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/22/2005 and analyzed in accordance with the attached chain-of-custody.

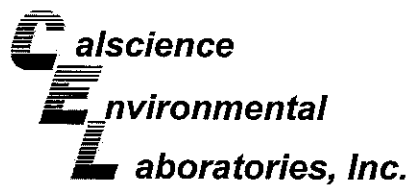
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Nowak', is written over a horizontal line.

Calscience Environmental  
Laboratories, Inc.  
Stephen Nowak  
Project Manager



## Analytical Report



Kiff Analytical  
2795 2nd Street, Suite 300  
Davis, CA 95616-6593

Date Received: 12/22/05  
Work Order No: 05-12-1258

Project: Pellini Chevrolet

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-3A	05-12-1258-1	12/21/05	Aqueous

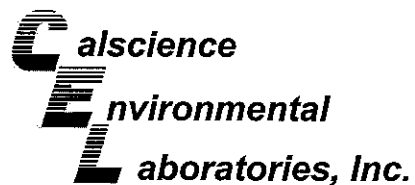
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon Dioxide	20	1.0	1		mg/L	N/A	12/22/05	SM4500-CO2D

RL - Reporting Limit

DF - Dilution Factor

Qual - Qualifiers





## Quality Control - Duplicate



Kiff Analytical  
2795 2nd Street, Suite 300  
Davis, CA 95616-6593

Date Received: N/A  
Work Order No: 05-12-1258

Project: Pellini Chevrolet

Matrix: Aqueous

<u>Parameter</u>	<u>Method</u>	<u>QC Sample ID</u>	<u>Date Analyzed</u>	<u>Sample Conc</u>	<u>DUP Conc</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Carbon Dioxide	SM4500-CO2D	MW-3A	12/22/05	20	20	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

A handwritten signature in black ink, appearing to be 'M. M. M.', is located at the bottom left of the page.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

# neuro

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.







WORK ORDER #: 05-12-1258

Cooler 1 of 1

## SAMPLE RECEIPT FORM

CLIENT: KIFT ANALYTICAL

DATE: 12-22-05

## TEMPERATURE – SAMPLES RECEIVED BY:

## CALSCIENCE COURIER:

☐ Chilled, cooler with temperature blank provided  
☐ Chilled, cooler without temperature blank  
☐ Chilled and placed in cooler with wet ice.  
☐ Ambient and placed in cooler with wet ice  
☐ Ambient temperature  
☐ °C Temperature blank.

## LABORATORY (Other than Calscience Courier):

32 °C Temperature blank.  
☐ °C IR thermometer.  
☐ Ambient temperature.

Initial: WB

## CUSTODY SEAL INTACT:

Sample(s): \_\_\_\_\_ Cooler: ☒ No (Not Intact) : \_\_\_\_\_ Not Applicable (N/A): \_\_\_\_\_

Initial: WB

## SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VOA vial(s) free of headspace.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: WB

## COMMENTS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_